

Amendments to the Claims:

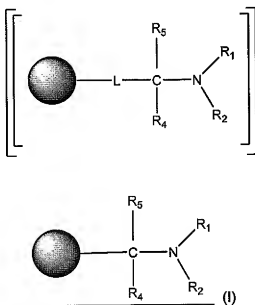
This listing of the claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1-14. (Cancelled)

15. (Currently amended) A solid phase bound organic conjugate represented by formula

(I)



wherein the sphere is a solid phase support;

C is a carbon atom;

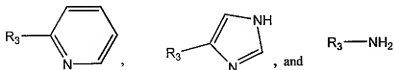
R₄ and R₅ are independently selected from the group consisting of H, aliphatic substituents, aromatic substituents, RO, RS and (R)₂N, wherein R is an aliphatic or aryl group;

and

L is a single bond; and

each of R₁ and R₂ is independently a metal coordinating group, a non-coordinating organic group, a metal coordinating group derivatized with a biologically active molecule, or a

non-coordinating organic group derivatized with a biologically active molecule, wherein at least one of R_1 and R_2 is independently selected from the group consisting of:



wherein R_3 is directly attached to the tertiary amine or is an aliphatic chain containing between 1 and 3 carbons directly attached to the tertiary amine.

16. (Previously presented) A solid phase bound organic conjugate according to claim 15, wherein the biologically active molecule is selected from the group consisting of amino acids, steroids, peptides, proteins, carbohydrates, polysaccharides, oligosaccharides, nucleosides, nucleotides, oligonucleotides, polynucleotides, lipids, and pharmaceutically active small molecules.

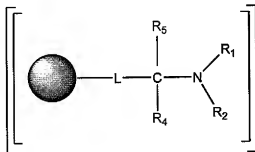
17. (Previously presented) A solid phase bound organic conjugate according to claim 15, wherein the solid phase support is a polyethylene glycol resin or a hybrid of polyethylene glycol and polystyrene.

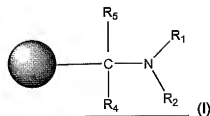
18-19. (Cancelled).

20. (Currently amended) A kit for the preparation of a diagnostic or therapeutic pharmaceutical composition, the kit comprising:

a container; and

a solid phase bound organic conjugate in said container represented by formula (I),





wherein the sphere is a solid phase;

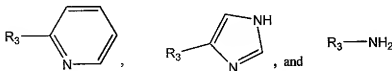
C is a carbon atom;

R₄ and R₅ are independently selected from the group consisting of H, aliphatic substituents, aromatic substituents, RO, RS and (R)₂N, wherein R is an aliphatic or aryl group;

and

L is a single bond; and

each of R₁ and R₂ is independently a metal coordinating group, a non-coordinating organic group, a metal coordinating group derivatized with a biologically active molecule, or a non-coordinating organic group derivatized with a biologically active molecule wherein at least one of R₁ and R₂ is independently selected from the group consisting of:



wherein R₃ is directly attached to the tertiary amine or is an aliphatic chain containing between 1 and 3 carbons directly attached to the tertiary amine; and further wherein said solid phase bound organic conjugate is capable of reacting with a solution of $[M(H_2O)_3(CO)_3]^{n+}$.

21. (Previously presented) The kit as claimed in claim 20, wherein the container is a vessel or column.

22. (Previously presented) The kit as claimed in claim 20, further comprising a solution of $[M(H_2O)_3(CO)_3]^{n+}$, wherein M is a metal, and n is 1, 2 or 3.

23. (Previously presented) The kit as claimed in claim 20, further comprising reagents for preparation of $[M(H_2O)_3(CO)_3]^{n+}$, wherein M is a metal, and n is 1, 2 or 3.

24. (Previously presented) The kit as claimed in claim 20, further comprising a facility for filtration.

25-27. (Cancelled)

28. (Previously presented) The solid phase bound organic conjugate according to claim 16, wherein the pharmaceutically active small molecule is biotin.

29-31. (Cancelled)

32. (Previously presented) The kit according to claim 20, wherein the biologically active molecule is selected from the group consisting of amino acids, steroids, peptides, proteins, carbohydrates, polysaccharides, oligosaccharides, nucleosides, nucleotides, oligonucleotides, polynucleotides, lipids, and pharmaceutically active small molecules.

33. (Previously presented) The kit according to claim 32, wherein the pharmaceutically active small molecule is biotin.

34. (Previously presented) The kit according to claim 20, wherein the solid phase support is a polyethylene glycol resin or a hybrid of polyethylene glycol and polystyrene.

35. (Previously presented) The kit according to claim 22, wherein M is selected from the group consisting of technetium (Tc), rhenium (Re), rhodium (Rh), platinum (Pt), iridium (Ir), ruthenium (Ru), and copper (Cu).

36. (Previously presented) The kit according to claim 35, wherein M is ^{99m}Tc and n is 1.